multicab-R Wall housing

Power	**25 – 150 kvar**
System cabinet* (H x W x D in mm)	**S2 (800 x 800 x 400)** **S3 (1200 x 800 x 400)**
Module spaces	**2 (S2)** **3 (S3)**

* Steel sheet wall cabinet, standard version without base

Detuned reactive current compensation system (wall cabinet)

Highlights

- → Power from 25 to 150 kvar
- → Reactor factors 5.5, 7 or 8 % and 12.5 or 14 %
- → Capacitors **multicond-UHPC** with 440 V or 525 V
- → Reactive power controller **multicomp 144 LCD** with display
- → Simple system expansion through plug-in design
- → Optional: Safety and maintenance concept**secureC** ©

Advantages and capabilities of the **safety and maintenance concept secureC** can be found on pages 92 – 95.
Accessories such as base, current transformer, etc. can be found from page 204.
Audio frequency blocking devices can be found on pages 126 – 131.
A selection of back-up fuses and supply lines for complete systems can be found on pages 224/225.

An overall view of **technical details** can be found on page 176.
The **housing dimensions** are listed on page 178.

Specifications multicab-R ... SWSH

System with plug-in design Reactor factors: **5.5, 7 or 8 %** Capacitor rated voltage: **440 V**

POWER[1] in kvar	SYSTEM WITH CONTROLLER	STAGE POWER PER MODULE PLACE in kvar			CONTROL-LER STAGES	CONSTRUC-TION TYPE[2]	WEIGHT approx. in kg
		1	2	3			
25	multicab-R 025/05-1220-**XX**-SWSH	5 10 10	+	–	6	S2	79
30	multicab-R 030/06-1230-**XX**-SWSH	5 10 15	+	–	6	S2	83
35	multicab-R 035/07-1240-**XX**-SWSH	5 10 20	+	–	6	S2	84
40	multicab-R 040/04-1120-**XX**-SWSH	10 10 20	+	–	6	S2	88
50	multicab-R 050/05-1220-**XX**-SWSH	10 20 20	+	–	6	S2	93
50	multicab-R 050/10-1234-**XX**-SWSH	5 10	15 20	–	6	S2	109
60	multicab-R 060/06-1230-**XX**-SWSH	10 20	30	–	6	S2	114
70	multicab-R 070/07-1240-**XX**-SWSH	10 20	40	–	6	S2	119
75	multicab-R 075/06-1122-**XX**-SWSH	12,5 12,5	25 25	–	6	S2	132
100	multicab-R 100/05-1220-**XX**-SWSH	20 40	40	+	6	S3	154
100	multicab-R 100/08-1122-**XX**-SWSH	12,5 12,5 25	25 25	+	6	S3	168
125	multicab-R 125/05-1220-**XX**-SWSH	25 50	50	+	6	S3	159
150	multicab-R 150/06-1122-**XX**-SWSH	25 50	25 50	+	6	S3	180

Specifications multicab-R ... SWSB

System with plug-in design Reactor factors: **12.5 or 14 %** Capacitor rated voltage: **525 V**

POWER[1] in kvar	SYSTEM WITH CONTROLLER	STAGE POWER PER MODULE PLACE in kvar			CONTROL-LER STAGES	CONSTRUC-TION TYPE[2]	WEIGHT approx. in kg
		1	2	3			
25	multicab-R 025/05-1220-**XX**-SWSB	5 10	10	–	6	S2	103
30	multicab-R 030/06-1230-**XX**-SWSB	5 10	15	–	6	S2	106
35	multicab-R 035/07-1240-**XX**-SWSB	5 10	20	–	6	S2	114
40	multicab-R 040/04-1120-**XX**-SWSB	10 10	20	–	6	S2	122
50	multicab-R 050/05-1220-**XX**-SWSB	10 20	20	–	6	S2	133
50	multicab-R 050/10-1234-**XX**-SWSB	5 10	15 20	–	6	S2	134
60	multicab-R 060/06-1230-**XX**-SWSB	10 20	30	–	6	S2	135
70	multicab-R 070/07-1240-**XX**-SWSB	10 20	40	–	6	S2	146
75	multicab-R 075/06-1122-**XX**-SWSB	12,5 12,5	25 25	–	6	S2	160
100	multicab-R 100/05-1220-**XX**-SWSB	20	40	40	6	S3	194
100	multicab-R 100/08-1122-**XX**-SWSB	12,5 12,5	25 25	25	6	S3	214
125	multicab-R 125/05-1220-**XX**-SWSB	25	50	50	6	S3	220
150	multicab-R 150/06-1122-**XX**-SWSB	25 25	50	50	6	S3	230

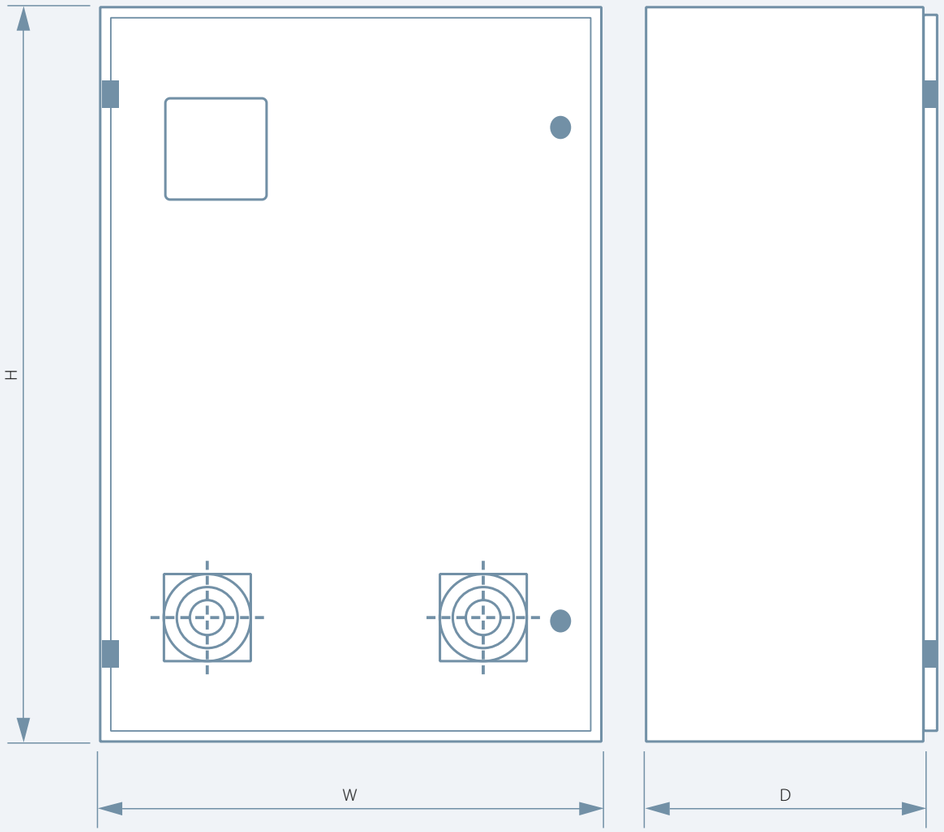
– **No expansion possibility** + **system expansion possible** with modules of type multimod-F ... SH/SB → page 151
[1] Power at 400 V, 50 Hz [2] Measurement details and other details on the construction can be found on page 178

XX = It is important that you state the reactor factor when ordering (see also following order example).
Powers and sizes deviating from the standard are available on request. All changes reserved.

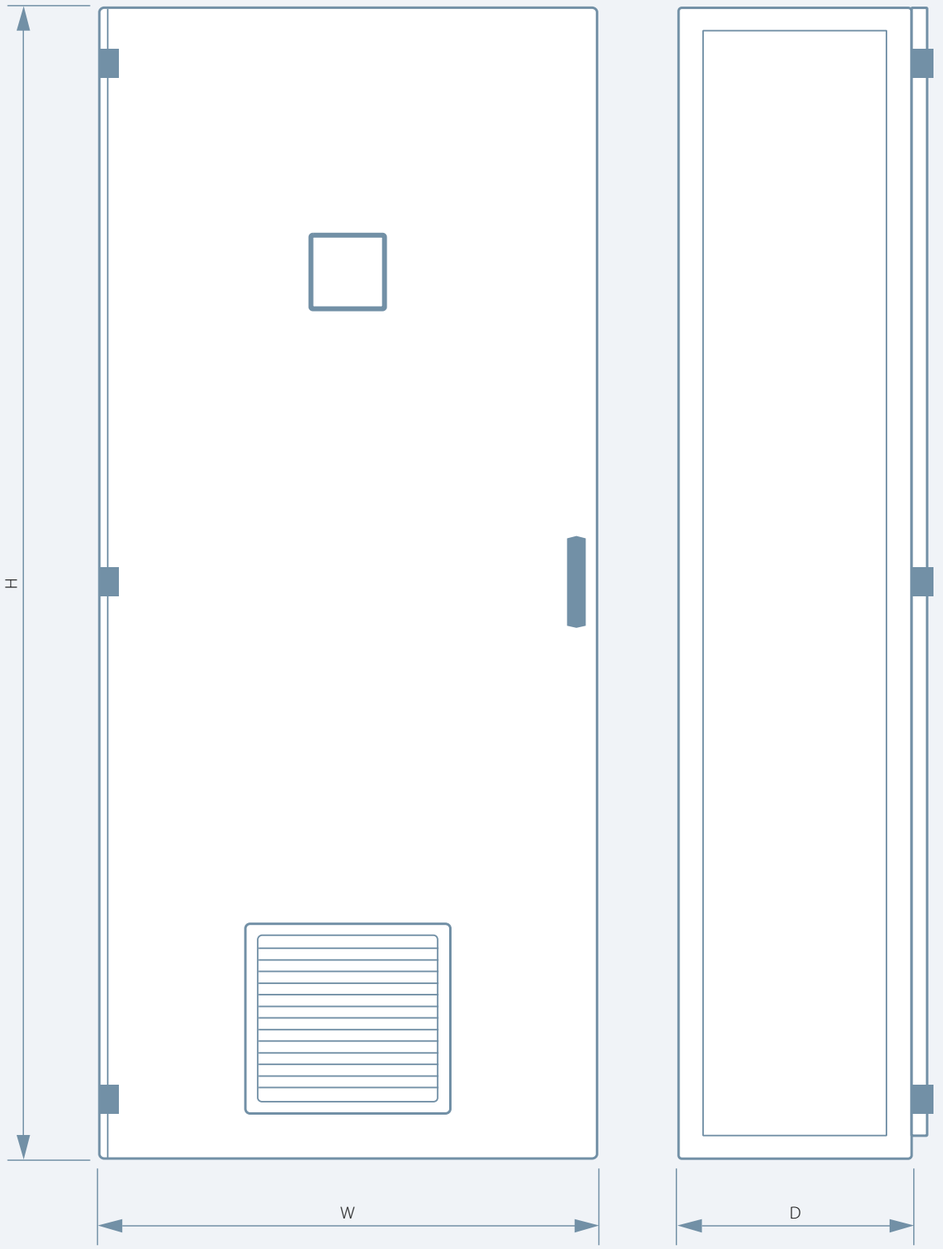
Example for order: Automatically controlled compensation system, 75 kvar in 6 stages, 440 V capacitors, 7 % detuned.
The appropriate ordering detail is as follows: **Type multicab-R 075/06-1122-07-SWGH**.

multicab-R Dimensions

multicab-R
Steel sheet wall cabinet (construction type S3)



multicab-R
Steel sheet free-standing cabinet (construction type S4)



CONSTRUCTION TYPE	HEIGHT (H) in mm	WIDTH (W) in mm	DEPTH (D) in mm
S2	800	800	400
S3	1200	800	400
S4	2000	800	400
S5	2000	800	600
M84	325	695	350
M85	325	695	450

All measurement details in mm. Not suitable for taking measurements.